GENERAL	**TYPE**	Stationary Gas Detection	**AMBIENT CONDITIONS**	+15/+40 deg. C, full sun
VTA : Vendor to Advise	**SUPPLIER**	**ENCORE MONITORING**	**HUMIDITY**	84%
	MANUFACTURER	**HONEYWELL ANALYTICS**		
Lycopodium to Complete	**MODEL - TRANSMITTER**	**XNX-AMSE-RNNNN**		
Revision Changes	**MODEL - SENSOR**	**XNXXSH1SS**		
TECHNICAL SPECIFICATION	**BODY MATERIAL**	**316 SS painted**	**ACCURACY / REPEATABILITY**	**< +/- 0.3 ppm**
	ENCLOSURE RATING	IP66	**POWER SUPPLY**	4 wire 24VDC
	INTEGRAL INDICATOR	Yes	**COMMUNICATIONS**	4-20mA HART
	OUTPUT SIGNAL 1	4-20mA HART	**CONDUIT / CABLE ENTRY**	M20 (non-hazardous areas)
	OUTPUT SIGNAL 2	Relay output to drive siren	**RESPONSE TIME (sec)**	**< 90 seconds (T90)**

ITEM NO.	TAG NO.	SERVICE	P & ID NO.	TARGET GAS	GAS TEMPERATURE deg. C			GAS PRESSURE kPa	GAS DENSITY kg/m3	GAS CONCENTRATION (ppm)		HAZARDOUS AREA CLASSIFICATION	SENSOR TYPE	CALIBRATED RANGE	SENSOR MATERIAL	MODEL NUMBERS		HAZARDOUS AREA CERTIFICATION			CONSTRUCTION PHASE	REMARKS
					MIN	NORM	MAX			NORM	ALARM SET POINT					TRANSMITTER	SENSOR	CERT BODY (e.g. UL/FM/CSA)	CLASSIFICATION (CLASS/DIV)	CERTIFICATE NUMBER		
1	387-AIT-9010	NaHS MIXING AND STORAGE AREA H2S GAS DETECTOR	**387-PR-PID-0001**	H2S	20	25	35	ATMOSPHERIC	1.434 AT NTP	1	2-5ppm	N/A	**H2S**	**0-25.0ppm**	**SS**	**XNX-AMSE-RNNNN**	**S3KRMK PLUS XNXXSH1SS**	**UL/CSA**	**Class I, Div 1**	**UL1203/CSA C22.2 No. 30 M-1986**	PHASE 8	
2	387-AIT-9052	NaHS AREA H2S GAS MONITOR INDICATOR TRANSMITTER 1	**387-PR-PID-0005**	H2S	20	25	35	ATMOSPHERIC	1.434 AT NTP	1	2-5ppm	N/A	**H2S**	**0-25.0ppm**	**SS**	**XNX-AMSE-RNNNN**	**S3KRMK PLUS XNXXSH1SS**	**UL/CSA**	**Class I, Div 1**	**UL1203/CSA C22.2 No. 30 M-1986**	PHASE 8	
3	387-AIT-9058	NaHS AREA H2S GAS MONITOR INDICATOR TRANSMITTER 2	**387-PR-PID-0005**	H2S	20	25	35	ATMOSPHERIC	1.434 AT NTP	1	2-5ppm	N/A	**H2S**	**0-25.0ppm**	**SS**	**XNX-AMSE-RNNNN**	**S3KRMK PLUS XNXXSH1SS**	**UL/CSA**	**Class I, Div 1**	**UL1203/CSA C22.2 No. 30 M-1986**	PHASE 8	

NOTES	**1**	For brevity, only Transmitter (AIT) tags are shown. Each AIT has an associated Detector Element (AE). Transmitter tag as shown above (i.e. xxx-AIT-yyyy). Associated element tag takes the form xxx-AE-yyyy.
	2	316 stainless steel tag with instrument equipment number stamped on one side in black characters. The tag shall be securely wired to the equipment item(s) with 0.5 mm diameter stainless steel wire. Each piece of equipment supplied shall be tagged individually in accordance with note 1.
	3	Supply to include all fittings, fastenings and bracketing for the mounting and securing of the instrument and shall be 316/316L stainless steel.
	4	Supply to include any software, hardware and cabling required to configure the instrument from a laptop USB port, if configuration over Profibus PA network is not possible. Any manuals for use of configuration software to be supplied in both English and Spanish languages.
	5	One installation and operation/maintenance manual per instrument to be supplied in both English and Spanish language and an electronic copy (English) to be sent to the Engineer.
	6	Documentation to be provided per the attached vendor documents requirements listing (VDRL). Instrument to be factory calibrated (test certificate to be supplied in MDR)
	7	All devices located in hazardous areas to be certified to NFPA requirements
	8	Vendor to supply remote sensor kit including 15m proprietry cable between sensor and transmitter
	9	This datasheet is to be read in conjunction with 1824-ES-006 Standard Specification for Instrumentation
	10	Vendor to provide a comprehensive list of cross-interference/cross-sensitivity gases in tender submission

REV	DATE	DESCRIPTION	ELECTRICAL	PROCESS	MECHANICAL	CLIENT
0	16/06/2017	ISSUED FOR PURCHASE	JM	SJB	MAT	RS